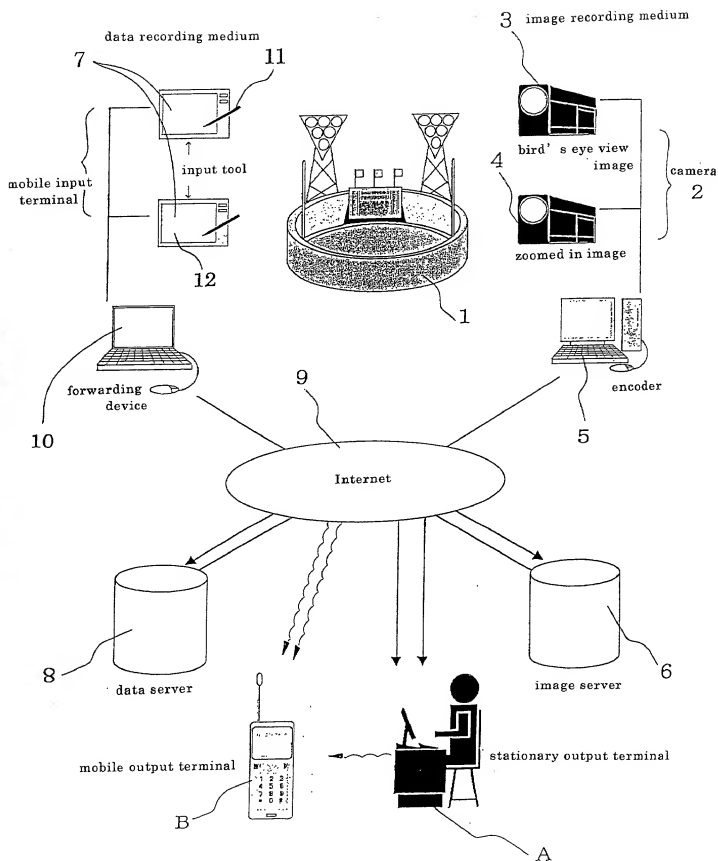


Fig 1



09911540-072501

Fig. 2

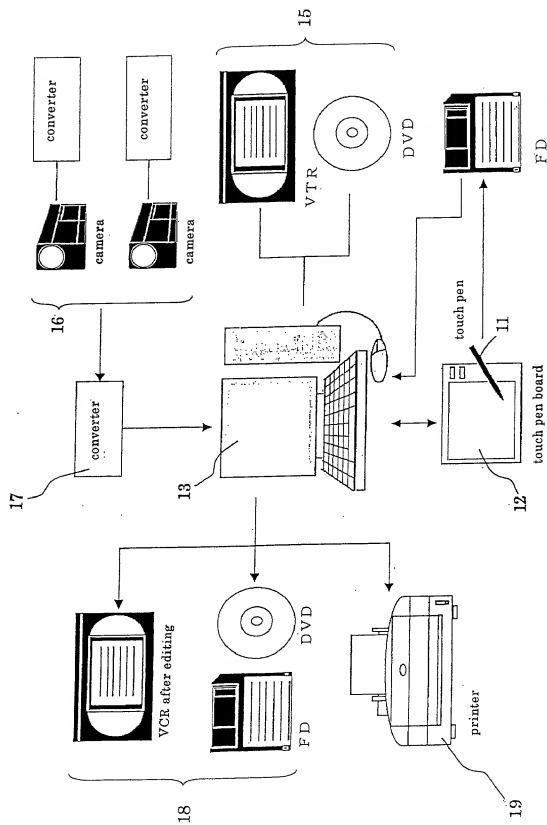
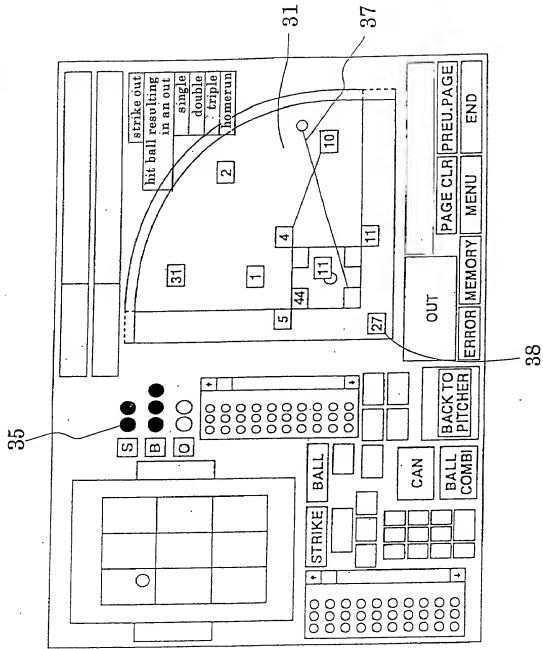


Fig 4

105220-0451160



T05220*04511660

Fig 5

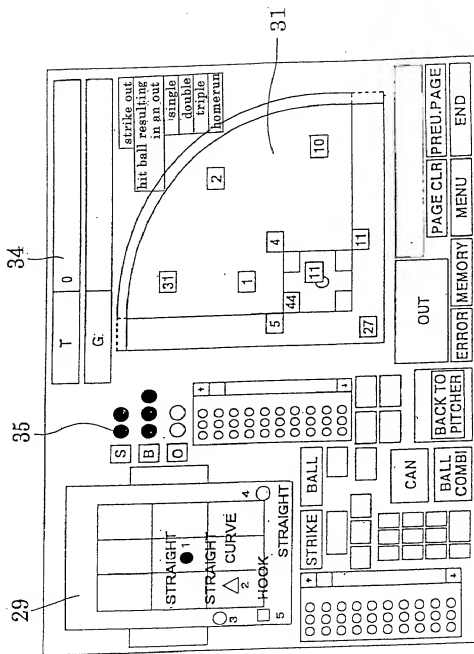


Fig 6

81 82 41 42

88 87 86

39

71 72

speed
match up

left-handed
Nobuyuki Hoshino (left-handed)
Hideki Matsui (left-handed)

40

setting

pitcher
batter
catcher

game
☐ set

number of at bats
☐ set

runner
☐ set

match up
☐ set

inning
☐ set

runner
☐ set

number of bases stolen
☐ set

stolen bases gained
☐ set

stolen bases given up
☐ set

result

☐ set

☐ hit ☐ strike out

☐ double ☐ infield grounder

☐ triple ☐ infield fly ball

☐ homerun ☐ outfield fly ball

count

☐ set

0-0 0 1-2
0-1 0 1-3
0-2 0 2-0
0-3 0 2-1
0 1-0 2-2
0 1-1 0 2-3

44 45 46

43

0<100 -120 120 150 180 210 240 270 300 330 360 390 420 450 480 510 540 570 600 630 660 690 720 750 780 810 840 870 900 930 960 990

image setting graph

DB

Fig. 7

105220*04511660

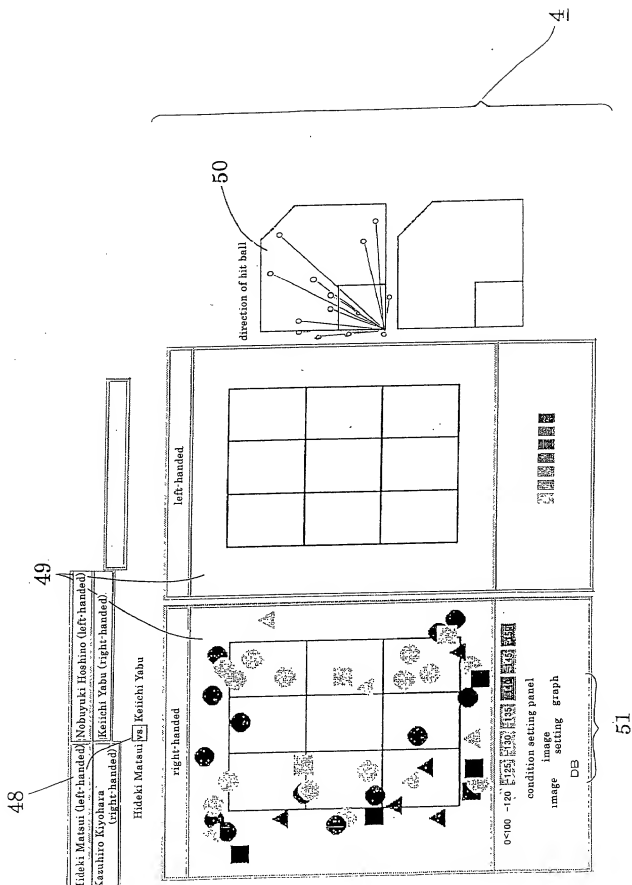


Fig 8

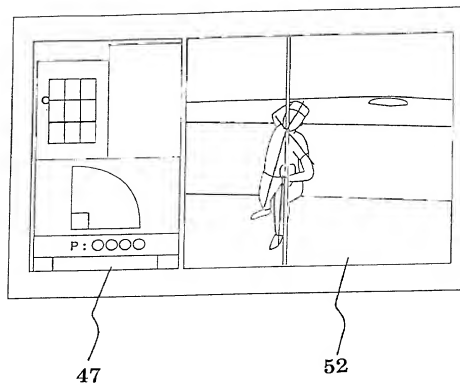
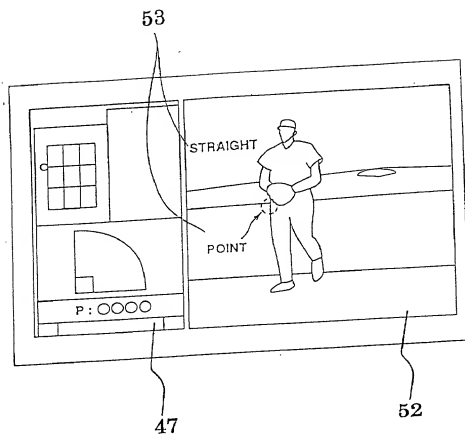
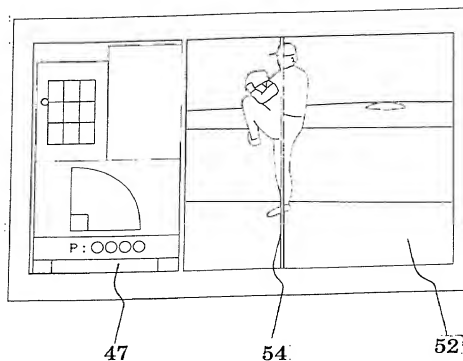
09911540-072501
T05220-0451T660

Fig 9



09913540.072501

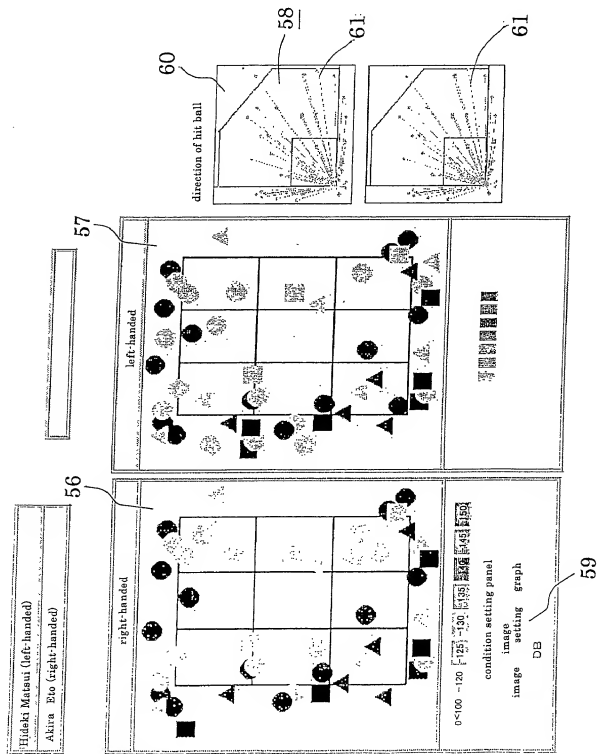
Fig 10



0991540.072501

Fig 11

0991540.072501



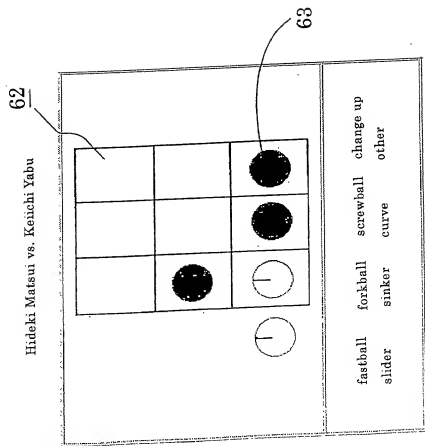
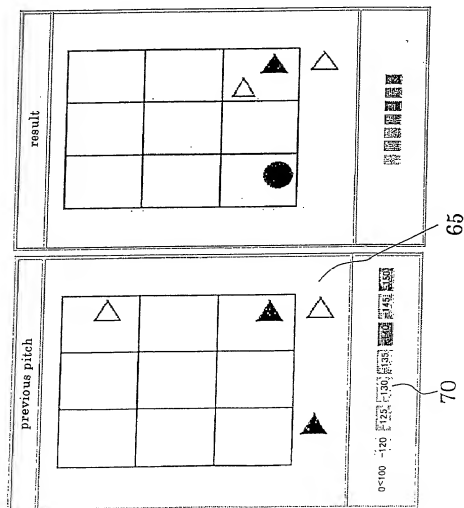


Fig 13

Hideki Matsui (left-handed)
Keiichi Yabu (right-handed)

Hideki Matsui vs. Keiichi Yabu



direction of hit ball

64

65

70

Atsira Eto	Hamshu	
Hideaki Matsui	Yomiuri	pitcher
Kazuhiko Kiyohara	all teams	batter
Yoshinobu Takahashi		

67

Hideaki Matsui

all teams

69

73

right-handed pitchers										left-handed pitchers									
name	at bats	hits	home runs	walks	number of bases stolen	strikes out	batting average	with runners in scoring position		name	at bats	hits	home runs	walks	number of bases stolen	strikes out	batting average	with runners in scoring position	
Yabu	15	2	0	2	2	2	133	133		Toyama	1	1	0	1	1	0	1000	1000	
Fukunaga	4	2	0	0	0	1	0	500	500	Hoshino	12	2	1	0	2	2	167	167	
Sakai	1	1	1	0	0	0	500	500		Nishikawa	3	2	0	0	0	0	667	667	
Kawajiri	1	0	0	1	0	0	0	0		Mende	4	0	0	0	0	0	0	0	
Fujikawa	4	1	0	0	0	0	250	250		Yuminaga	1	0	0	0	0	0	0	0	
Nakagawa	11	4	0	0	0	2	364	364											
Kasai	7	2	0	1	0	0	286	143											

68

66